



# CCL03716B - MORGAN HILL SPORTS CENTER

USID: 288880, FA: 10150855  
PACE: MRSFR003794, PTN: 3701A0B1QB

16500 CONDIT RD  
MORGAN HILL, CA 95037

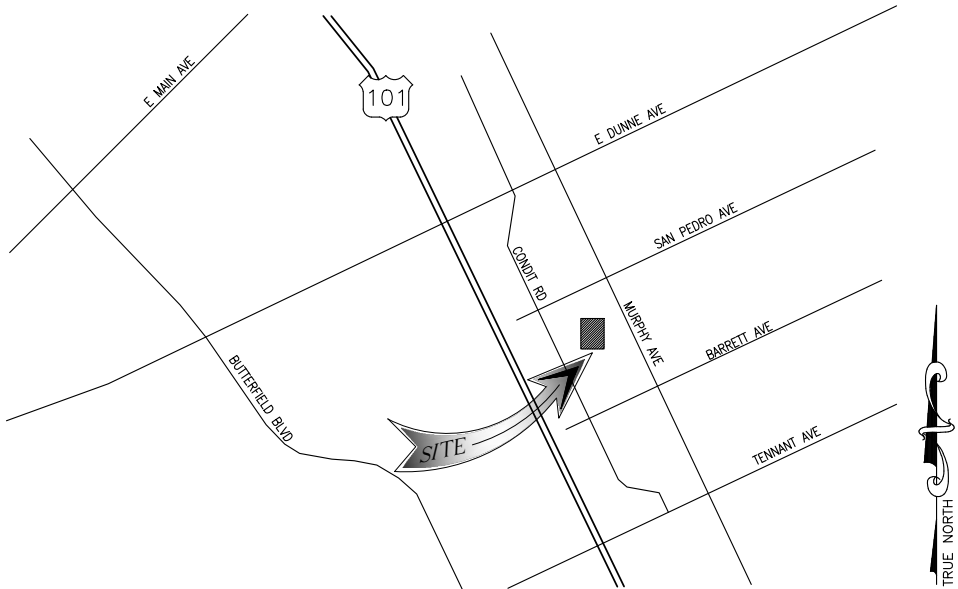
## SITE INFORMATION

SITE ADDRESS: 16500 CONDIT RD  
MORGAN HILL, CA 95037  
LATITUDE (NAD 83): 37° 07' 41.52" N  
37.128199°  
LONGITUDE (NAD 83): 121° 37' 41.51" W  
-121.628221°  
GROUND ELEVATION: 353.7' AMSL (NAVD 88)  
JURISDICTION: CITY OF MORGAN HILL  
PROPERTY OWNER: THE CITY OF MORGAN HILL  
17555 PEAK AVE  
MORGAN HILL, CA 95037  
ZONING: PF  
PARCEL/MAP NUMBER: 817-13-001 01  
STRUCTURE TYPE: LIGHT POLE  
STRUCTURE HEIGHT: 71.0' (AGL)  
POWER SUPPLIER: PGE  
TELCO SUPPLIER: AT&T  
LEASE AREA: 18'-6" X 34'-4" = 635 S.F.

## PROJECT TEAM

APPLICANT: AT&T MOBILITY  
5001 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583  
PROJECT MANAGEMENT FIRM: VINCULUMS SERVICES  
575 LENNON LANE, SUITE 125  
WALNUT CREEK, CA 94598  
CONTACT: MICHELE PHIPPEN  
PHONE: (925) 895-3734  
EMAIL: mhippen@vinculums.com  
RF ENGINEER: AT&T MOBILITY  
5001 EXECUTIVE PARKWAY  
SAN RAMON, CA 94583  
CONTACT: HARPREET SINGH  
PHONE: (248) 885-5496  
EMAIL: hs357s@att.com  
CONSTRUCTION MANAGER: VINCULUMS SERVICES  
575 LENNON LANE, SUITE 125  
WALNUT CREEK, CA 94598  
CONTACT: FLOYD GREEN  
PHONE: (480) 528-1927  
EMAIL: fgreen@vinculums.com  
SITE ACQ/ZONING MANAGER: TSJ CONSULTING INC.  
30767 GATEWAY PLACE #194  
RANCHO MISSION VIEJO, CA. 92694  
CONTACT: TOM JOHNSON  
PHONE: (925) 785-3727  
EMAIL: tom@tsjconsultinginc.com  
A/E MANAGER: TSJ CONSULTING INC.  
30767 GATEWAY PLACE #194  
RANCHO MISSION VIEJO, CA. 92694  
CONTACT: DAN CONNELL  
PHONE: (949) 306-4644  
EMAIL: dan@tsjconsultinginc.com

## VICINITY MAP



## DIRECTIONS

### DIRECTIONS FROM AT&T OFFICE:

1. GET ON I-680 S
2. HEAD SOUTHWEST ON BOLLINGER CANYON RD TOWARD BOLLINGER CANYON RD
3. USE THE RIGHT LANE TO MERGE ONTO I-680 S VIA THE RAMP TO SAN JOSE
4. FOLLOW I-680 S AND US-101 S TO E DUNNE AVE IN MORGAN HILL. TAKE THE EAST DUNNE AVE EXIT FROM US-101 S
5. MERGE ONTO I-680 S
6. USE THE RIGHT 3 LANES TO TAKE EXIT 1B TO MERGE ONTO US-101 S TOWARD LOS ANGELES
7. TAKE THE EAST DUNNE AVE EXIT TOWARD MORGAN HILL
8. FOLLOW E DUNNE AVE AND CONDIT RD TO YOUR DESTINATION
9. TURN LEFT ONTO E DUNNE AVE
10. TURN RIGHT ONTO CONDIT RD
11. TURN LEFT
12. DESTINATION WILL BE ON THE RIGHT

## CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- 2019 CALIFORNIA BUILDING CODE
- 2019 CALIFORNIA TITLE 24
- 2019 CALIFORNIA FIRE CODE
- 2019 CALIFORNIA ENERGY CODE
- 2019 CALIFORNIA MECHANICAL CODE
- TIA/EIA-222-F OR LATEST EDITION

## DRAWING INDEX

T-1	TITLE SHEET
C-1	SITE SURVEY
C-2	SITE SURVEY
A-1	SITE PLAN
A-2	ENLARGED SITE PLAN
A-3	EQUIPMENT AND ANTENNA LAYOUTS
A-4	ELEVATIONS
E-1	PRELIMINARY ELECTRICAL DESIGN

## DRAWING SCALE

THESE DRAWINGS ARE SCALED TO FULL SIZE AT 24"X36" AND HALF SIZE AT 11"X17". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGNER / ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICE TO PREVENT STORM WATER POLLUTION DURING CONSTRUCTION.

## SCOPE OF WORK

THIS PROJECT CONSISTS OF THE INSTALLATION OF A NEW AT&T WIRELESS ANTENNA FACILITY:

### SCOPE OF WORK:

#### EQUIPMENT AREA:

- INSTALL (1) 30KW GENERATOR ON A CONCRETE PAD.
- INSTALL (1) GPS
- INSTALL (1) CWIC WITH EQUIPMENT ON A CONCRETE PAD.
- INSTALL UNDERGROUND POWER AND FIBER ROUTE.
- INSTALL METER ENCLOSURE.

#### ANTENNA AREA:

- REPLACE (E) 71' TALL LIGHT POLE WITH NEW 71'TALL LIGHT POLE
- INSTALL (9) 5'-0" TALL PANEL ANTENNAS, (3) PER SECTOR ON NEW LIGHT POLE.
- INSTALL (18) RRUS, (6) PER SECTOR, STACKED ON NEW LIGHT POLE.
- INSTALL (4) DC-9 SURGE SUPPRESSORS

CONSULTANT

TSJ

TSJ CONSULTING INC.  
30767 GATEWAY PLACE #194  
RANCHO MISSION VIEJO, CA. 92694

APPLICANT



SITE INFORMATION

CCL03716B  
MORGAN HILL SPORTS  
CENTER  
16500 CONDIT RD  
MORGAN HILL, CA 95037

DESIGN RECORD

## REVISIONS

REV	DATE	DESCRIPTION	BY
1	07/01/20	100% ZD	DC
0	05/29/20	90% ZD	DC

PROFESSIONAL STAMP



Date Signed 07/01/2020

SHEET TITLE

TITLE SHEET

SHEET

T-1

NOTES

OWNER(S): CITY OF MORGAN HILL

APN: 817-13-001

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY OF ANY PARCEL OF LAND, NOR DOES IT IMPLY OR INFER THAT A BOUNDARY SURVEY WAS PERFORMED. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION. PROPERTY LINES AND LINES OF TITLE WERE NEITHER INVESTIGATED NOR SURVEYED AND SHALL BE CONSIDERED APPROXIMATE ONLY. NO PROPERTY MONUMENTS WERE SET.

THE EASEMENTS (IF ANY) THAT APPEAR ON THIS MAP HAVE BEEN PLOTTED BASED SOLELY ON INFORMATION CONTAINED IN THE REPORT OF TITLE BY: FIDELITY NATIONAL TITLE INSURANCE COMPANY, ORDER NO. 31454084, DATED APRIL 29, 2020. WITHIN SAID TITLE REPORT THERE ARE (0) EXCEPTIONS LISTED, (0) OF WHICH ARE EASEMENTS AND (0) OF WHICH CAN NOT BE PLOTTED.

THE UNDERGROUND UTILITIES (IF ANY) THAT APPEAR ON THIS MAP HAVE BEEN LOCATED BY FIELD OBSERVATION. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES STATE THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.

THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD RATE MAP FOR COMMUNITY NO. 06085C, PANEL NO. 0444H, INDICATES THAT NO PANEL HAS BEEN PRINTED FOR THE SUBJECT PROPERTY'S IMMEDIATE AREA AS NOTED ON THE MERCED COUNTY FLOOD MAP INDEX, DATED MAY 18, 2009 ("ALL ZONE X")

THE LATITUDE AND LONGITUDE AT THE LOCATION AS SHOWN WAS DETERMINED BY GPS OBSERVATIONS.

LAT. 37° 07' 41.52" N NAD 83 (37.128199°)  
LONG. 121° 37' 41.51" W NAD 83 (-121.628221°)  
ELEV. 353.7' NAVD 88 (BASIS OF DRAWING)

The information shown above meets or exceeds the requirements set forth in FAA order 8260.19D for 1-A accuracy ( ± 20' horizontally and ± 3' vertically). The horizontal datum (coordinates) are expressed as degrees, minutes and seconds, to the nearest hundredth of a second. The vertical datum (heights) are expressed in feet and decimals thereof and are determined to the nearest 0.1 foot.

LESSOR'S PROPERTY LEGAL DESCRIPTION PER TITLE REPORT

PROPERTY LOCATED IN SANTA CLARA COUNTY, CALIFORNIA

ALL THAT CERTAIN REAL PROPERTY SITUATE IN THE UNINCORPORATED AREA, COUNTY OF SANTA CLARA, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL ONE:

ALL OF LOTS 69 AND 70, AS SHOWN ON THAT CERTAIN MAP ENTITLED, "CATHERINE DUNNE RANCH MAP NO. 5", WHICH MAP WAS FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SANTA CLARA, SLATE OF CALIFORNIA ON APRIL 5, 1897 IN BOOK "I" OF MAPS, AT PAGE 59.

PARCEL TWO:

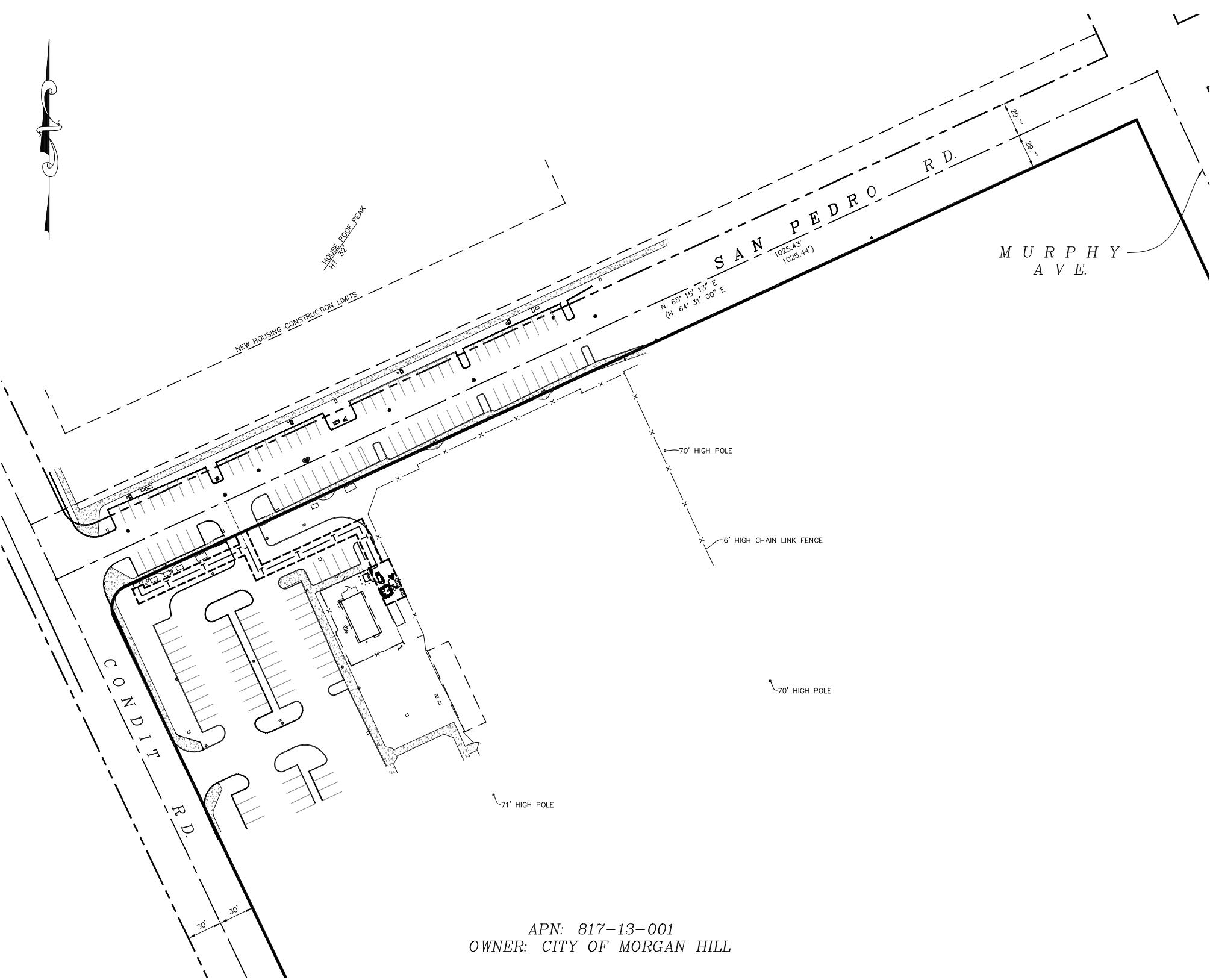
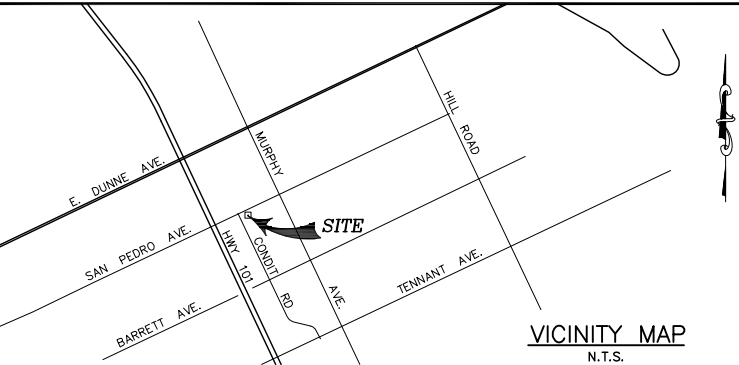
ALL OF LOTS 10 AND 11, AS SHOWN ON THAT CERTAIN MAP ENTITLED, "CATHERINE DUNNE RANCH MAP NO. 7", WHICH MAP WAS FILED FOR RECORD IN THE OFFICE OF THE RECORDER OR THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA ON MARCH 5, 1908 IN BOOK "L" OF MAPS, AT PAGE 26.

EXCEPTING FROM PARCELS 1 AND 2, ABOVE DESCRIBED THAT CERTAIN PARCEL OF LAND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE SOUTHWESTERLY LINE OF LOT 11 AND THE NORTHWESTERLY LINE OF BERRETT AVENUE AS SAID LOT AND AVENUE ARE SHOWN ON THAT CERTAIN MAP ENTITLED, "CATHERINE DUNNE RANCH MAP NO. 7", FILED MARCH 5, 1908 IN BOOK "L" OF MAPS, AT PAGE 26, IN THE OFFICE OF THE RECORDER OF SANTA CLARA COUNTY; THENCE ALONG SAID NORTHWESTERLY LINE N. 65° 15' 50" E., 80.00 FEET; THENCE FROM A TANGENT THAT BEARS S. 65° 15' 50" W., ALONG A CURVE TO THE RIGHT WITH A RADIUS OF 20.00 FEET THROUGH AN ANGLE OF 90° 00' 00", AN ARC LENGTH OF 31.42 FEET; THENCE N. 24° 44' 10" W., 1550.08 FEET; THENCE ALONG A TANGENT CURVE TO THE RIGHT WITH A RADIUS OF 20.00 FEET; THROUGH AN ANGLE OF 90° 00' 00", AN ARC LENGTH OF 31.42 FEET TO THE SOUTHWESTERLY LINE OF SAN PEDRO AVENUE AS SAID AVENUE IS SHOWN UPON THAT CERTAIN MAP ENTITLED, "CATHERINE DUNNE RANCH MAP NO. 5", FILED ON APRIL 5, 1897, IN BOOK "I" OF MAPS, AT PAGE 59, IN THE OFFICE OF THE RECORDER OF SANTA CLARA COUNTY; THENCE ALONG LAST SAID LINE AND ALONG THE SOUTHWESTERLY LINE OF SAID LOTS 11 AND 69, S. 65° 15' 50" W., 80.00 FEET AND S. 24° 44' 10", E. 1590.06 FEET TO THE POINT OF COMMENCEMENT.

AND BEING THE SAME PROPERTY CONVEYED TO CITY OF MORGAN HILL, A MUNICIPAL CORPORATION OF THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA FROM MORGAN HILL REDEVELOPMENT AGENCY ALSO KNOWN AS REDEVELOPMENT AGENCY OF THE CITY OF MORGAN HILL BY GRANT DEED DATED FEBRUARY 25, 2011 AND RECORDED FEBRUARY 28, 2011 IN INSTRUMENT NO. 21096113.

TAX PARCEL NO. 817-13-001-01

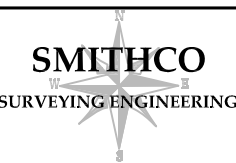


APN: 817-13-001  
OWNER: CITY OF MORGAN HILL

OVERALL SITE MAP  
1" = 50'

LEGEND

- SITE BOUNDARY LINE
- OVERHEAD POWER LINE
- PROPERTY BOUNDARY
- (PER TITLE REPORT)
- EDGE OF PAVEMENT
- FENCELINE
- POWER POLE
- SPOT ELEVATION
- CONCRETE PAD
- P.O.B.
- P.O.C.
- ( )
- POINT OF BEGINNING
- POINT OF COMMENCEMENT
- EXCEPTION # PER TITLE REPORT
- RECORD DATA PER PARCEL MAP
- FOR LOT LINE ADJUSTMENT
- RECORDED IN BK 900 OF MAPS
- AT PGS 1 AND 2



P.O. BOX 81626 BAKERSFIELD, CA 93380  
PHONE: (661) 393-1217 FAX: (661) 393-1218

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SPACE RESERVED FOR PROFESSIONAL SEAL



REVISION

NO.	DESCRIPTION	BY	DATE
0	PRELIM. ISSUE	CC	05/20/20
1	ADDED EQUIP	CC	06/02/20
2	REVISION	EJ	06/30/20

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DRAWN BY: CC  
CHECKED BY: DA  
DATE DRAWN: 05/20/20  
SMITHCO JOB #: 56-1080

SITE NAME

CCL03716  
MORGAN HILL  
SPORTS CENTER

SITE ADDRESS

16500 CONDIT ROAD  
MORGAN HILL, CA 95037  
SANTA CLARA COUNTY

SHEET TITLE

SITE SURVEY

FOR EXAMINATION ONLY

SHEET

C-1

LEASE AREA DESCRIPTION:

BEING A PORTION OF LOTS 69 AND 70, AS SHOWN ON THAT CERTAIN MAP ENTITLED, "CATHERINE DUNNE RANCH MAP NO. 5, WHICH MAP WAS FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA ON MARCH 5, 1908 IN BOOK "I" OF MAPS AT PAGE 59, SAID PORTION BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF SAN PEDRO ROAD AND CONDIT ROAD, SAID INTERSECTION IS SHOWN WITH A 3/4" IRON PIPE IN MONUMENT WELL PER "PARCEL MAP FOR LOT LINE ADJUSTMENT" RECORDED IN BOOK 900 OF MAPS AT PAGES 1 AND 2, SANTA CLARA COUNTY RECORDS; THENCE ON AND ALONG THE CENTERLINE OF SAID SAN PEDRO ROAD, NORTH 65°15'13" EAST, A DISTANCE OF 157.79 FEET; THENCE LEAVING SAID CENTERLINE, SOUTH 24°44'47" EAST, A DISTANCE OF 29.70 FEET TO THE SOUTHEASTERLY RIGHT OF WAY LINE OF SAID ROAD; THENCE SOUTH 24°44'47" EAST, A DISTANCE OF 36.98 FEET; THENCE NORTH 65°15'13" EAST, A DISTANCE OF 93.31 FEET; THENCE SOUTH 24°44'47" EAST, A DISTANCE OF 35.53 FEET TO THE POINT OF BEGINNING;

COURSE 1) THENCE NORTH 65°15'13" EAST, A DISTANCE OF 11.30 FEET;  
COURSE 2) THENCE SOUTH 24°44'47" EAST, A DISTANCE OF 34.50 FEET;  
COURSE 3) THENCE SOUTH 65°15'13" WEST, A DISTANCE OF 18.45 FEET;  
COURSE 4) THENCE NORTH 24°44'47" WEST, A DISTANCE OF 34.50 FEET;  
COURSE 5) THENCE NORTH 65°15'13" EAST, A DISTANCE OF 7.15 FEET TO THE POINT OF BEGINNING;

CONTAINING 636 SQUARE FEET, MORE OR LESS.

ACCESS — UTILITY EASEMENT DESCRIPTION:

A 10 FOOT WIDE EASEMENT FOR ACCESS AND UTILITY PURPOSES OVER, ACROSS AND THROUGH A PORTION OF LOTS 69 AND 70, AS SHOWN ON THAT CERTAIN MAP ENTITLED, "CATHERINE DUNNE RANCH MAP NO. 5, WHICH MAP WAS FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA ON MARCH 5, 1908 IN BOOK "I" OF MAPS AT PAGE 59, LYING 5.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE INTERSECTION OF SAN PEDRO ROAD AND CONDIT ROAD, SAID INTERSECTION IS SHOWN WITH A 3/4" IRON PIPE IN MONUMENT WELL PER "PARCEL MAP FOR LOT LINE ADJUSTMENT" RECORDED IN BOOK 900 OF MAPS AT PAGES 1 AND 2, SANTA CLARA COUNTY RECORDS; THENCE ON AND ALONG THE CENTERLINE OF SAID SAN PEDRO ROAD, NORTH 65°15'13" EAST, A DISTANCE OF 157.79 FEET; THENCE LEAVING SAID CENTERLINE, SOUTH 24°44'47" EAST, A DISTANCE OF 29.70 FEET TO THE SOUTHEASTERLY RIGHT OF WAY LINE OF SAID ROAD, SAID POINT ALSO BEING THE POINT OF BEGINNING;

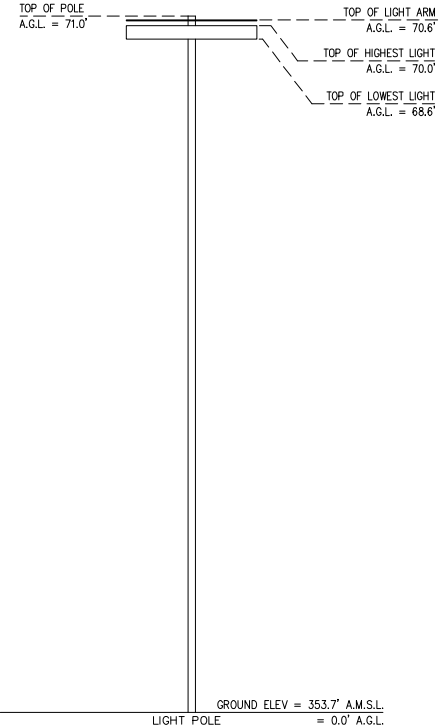
COURSE 1) THENCE LEAVING SAID RIGHT OF WAY, SOUTH 24°44'47" EAST, A DISTANCE OF 13.31 FEET, TO A POINT HEREINAFTER DESCRIBED AS POINT "A";  
COURSE 2) THENCE CONTINUING SOUTH 24°44'47" EAST, A DISTANCE OF 23.67 FEET;  
COURSE 3) THENCE NORTH 65°15'13" EAST, A DISTANCE OF 93.31 FEET;  
COURSE 4) THENCE SOUTH 24°44'47" EAST, A DISTANCE OF 35.53 FEET TO THE TERMINUS OF THIS DESCRIPTION;

TOGETHER WITH A 10.00 FOOT WIDE EASEMENT FOR ACCESS AND UTILITY PURPOSES OVER, ACROSS AND THROUGH A PORTION OF LOTS 69 AND 70, AS SHOWN ON THAT CERTAIN MAP ENTITLED, "CATHERINE DUNNE RANCH MAP NO. 5, WHICH MAP WAS FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF THE COUNTY OF SANTA CLARA, STATE OF CALIFORNIA ON MARCH 5, 1908 IN BOOK "I" OF MAPS AT PAGE 59, LYING 5.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT THE HEREINBEFORE DESCRIBED POINT "A";

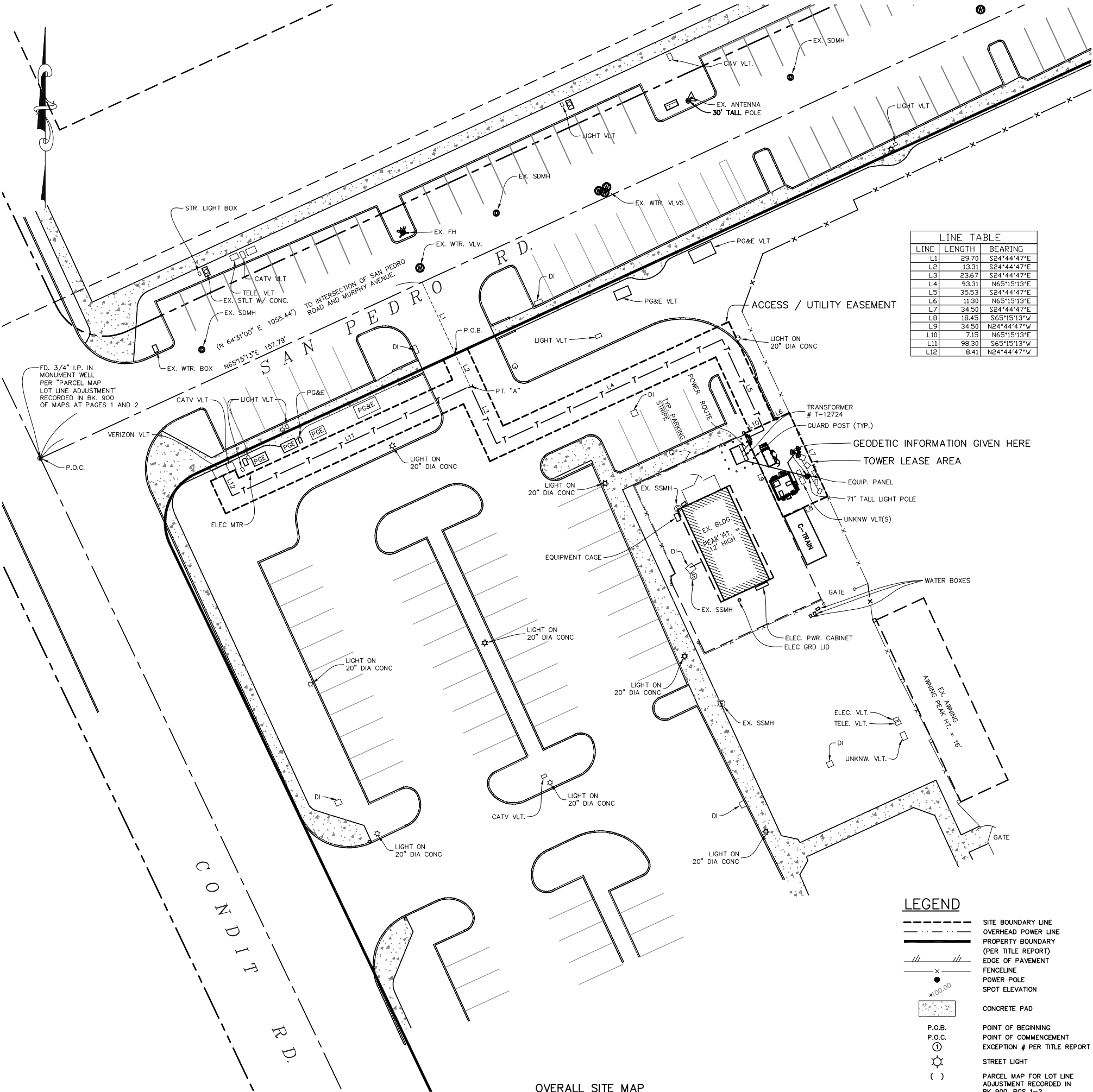
COURSE 1) THENCE SOUTH 65°15'13" WEST, A DISTANCE OF 98.30 FEET;  
COURSE 2) THENCE NORTH 24°44'47" WEST, A DISTANCE OF 8.41 FEET TO THE TERMINUS OF THIS DESCRIPTION;

CONTAINING 2,675 SQUARE FEET, MORE OR LESS.



ELEVATION VIEW—LOOKING SOUTHWEST

SCALE: 1" = 10'



OVERALL SITE MAP

1" = 20'



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SPACE RESERVED FOR PROFESSIONAL SEAL



REVISION

NO.	DESCRIPTION	BY	DATE
0	PRELIM. ISSUE	CC	05/20/20
1	ADDED EQUIP	CC	06/02/20
2	REVISION	EJ	06/30/20

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DRAWN BY: CC  
CHECKED BY: DA  
DATE DRAWN: 05/20/20  
SMITHCO JOB #: 56-1080

SITE NAME

CCL03716  
MORGAN HILL  
SPORTS CENTER

SITE ADDRESS

16500 CONDIT ROAD  
MORGAN HILL, CA 95037  
SANTA CLARA COUNTY

SHEET TITLE

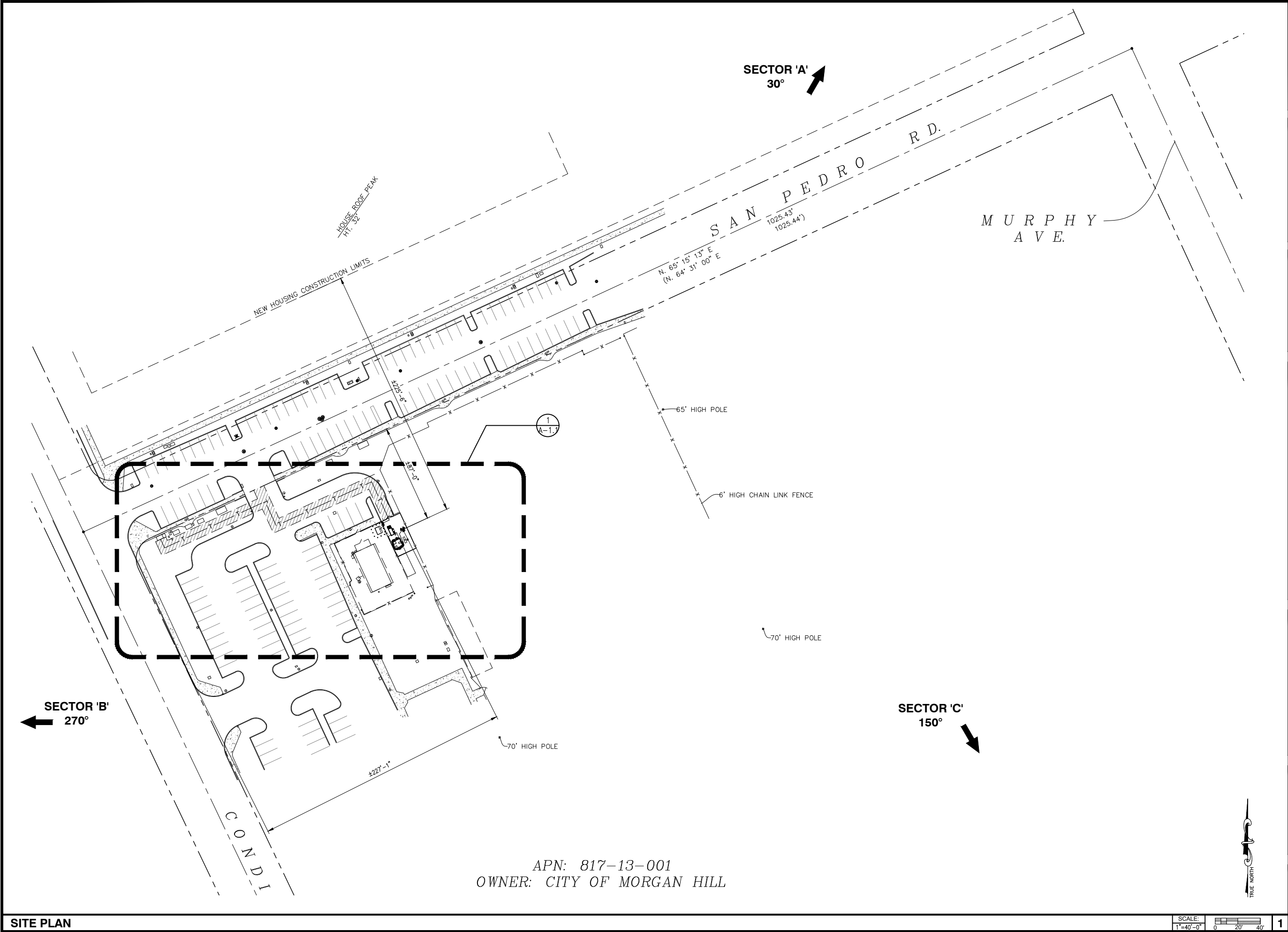
SITE SURVEY

FOR EXAMINATION ONLY

SHEET

C-2





CONSULTANT

TSJ CONSULTING INC.  
30767 GATEWAY PLACE #194  
RANCHO MISSION VIEJO, CA. 92694

APPLICANT

at&t  
mobility corp.

SITE INFORMATION

CCL03716B

MORGAN HILL SPORTS CENTER

16500 CONDIT RD  
MORGAN HILL, CA 95037

DESIGN RECORD

REVISIONS			
REV	DATE	DESCRIPTION	BY
1	07/01/20	100% ZD	DC
0	05/29/20	90% ZD	DC

PROFESSIONAL STAMP

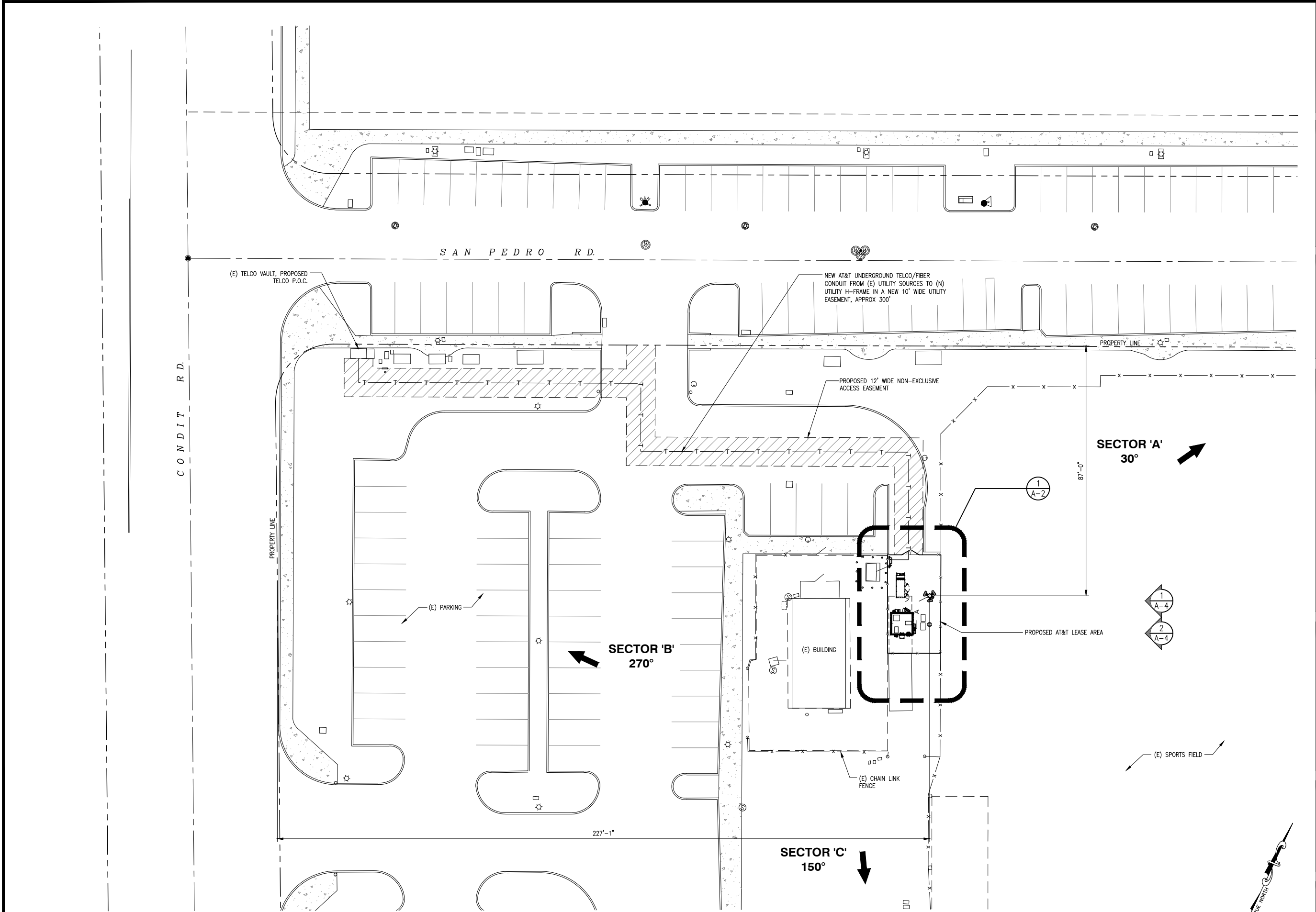
Date Signed 07/01/2020

SHEET TITLE

SITE PLAN

SHEET

A-1



ENLARGED SITE PLAN

CONSULTANT



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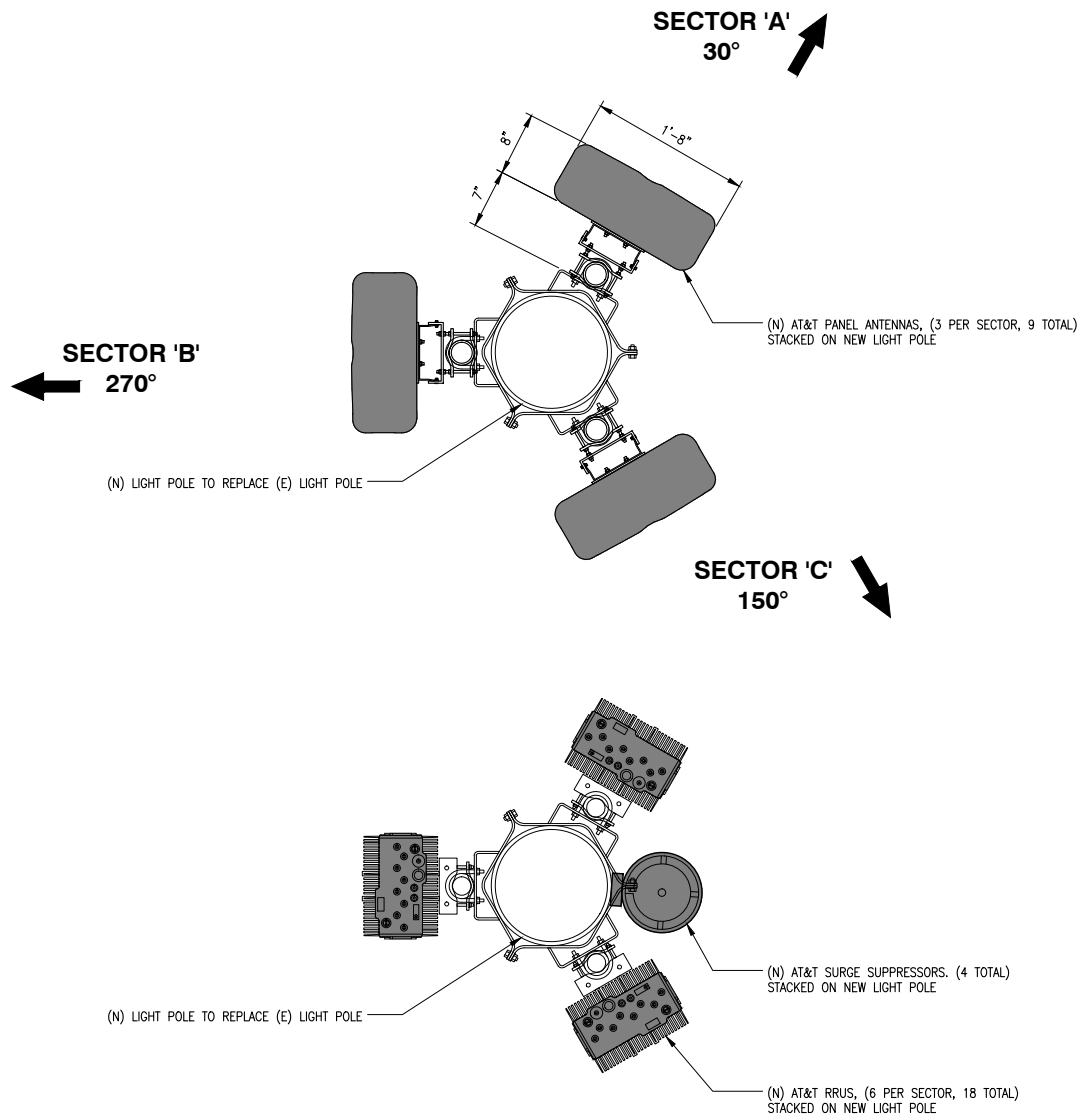
Date Signed 07/01/2020

SHEET TITLE

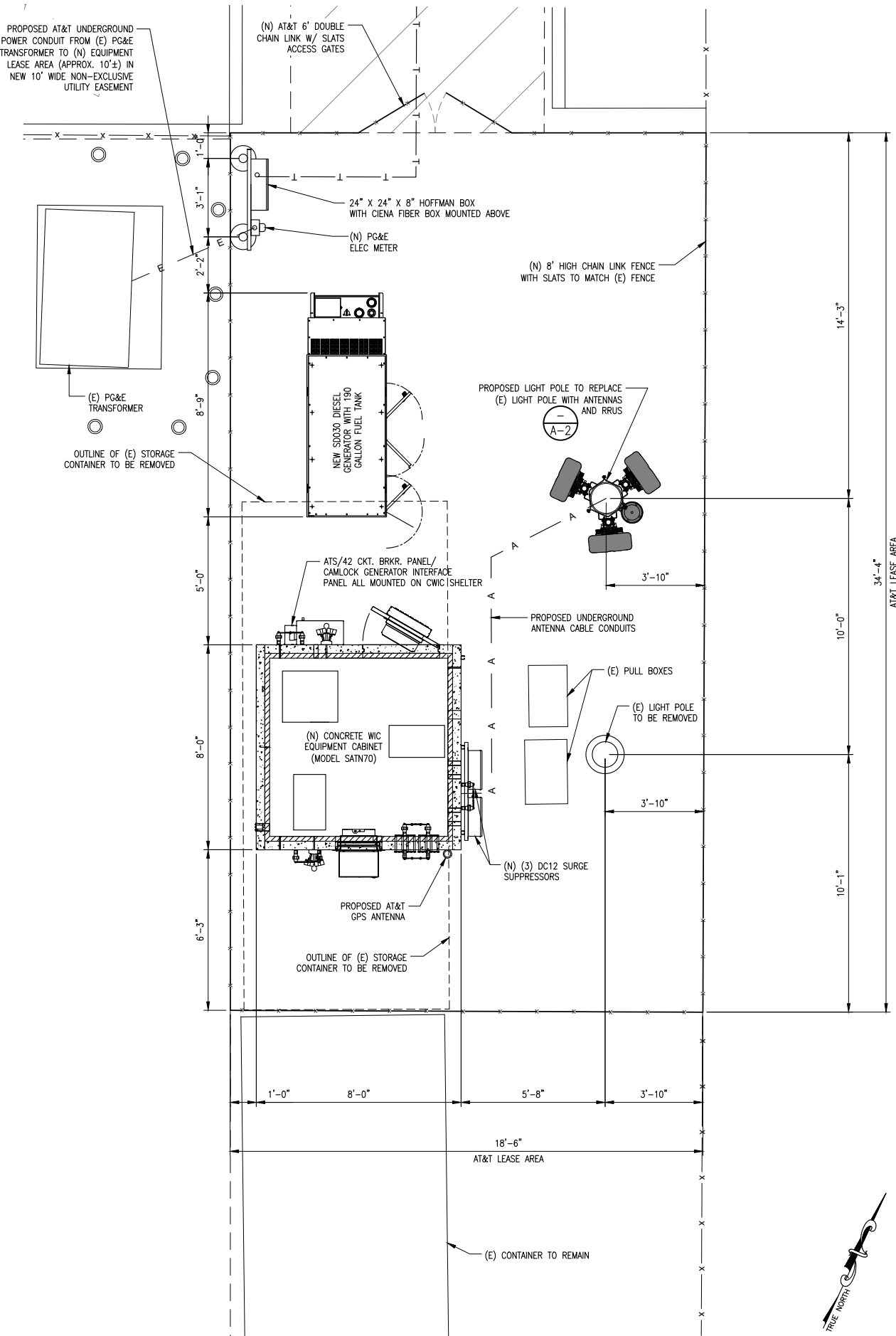
ENLARGED SITE PLAN

SHEET

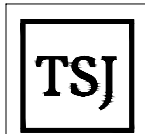
A-2



ANTENNA SCHEDULE													
	ANTENNA POSITION	TECHNOLOGY	RAD CENTER	ANTENNA MAKE/MODEL	AZIMUTH	ANTENNA COUNT	FILTER/TMA MODEL	FILTER/TMA COUNT	TRANSMISSION LENGTH	TRANSMISSION TYPE(S)	RRUS MAKE/MODEL	RRUS COUNT	# OF DC POWER FEEDS REQUIRED
ALPHA SECTOR	A1	700 1900	61'-0"	NNH4-65A-R6H4	30°	1	-	-	±90'	DC AND FIBER TRUNKS	RRUS-4449 B5/B12 RRUS-8843 B2/B66A	1 1	2 2
	A2	700 1900	53'-6"	NNH4-65A-R6H4	30°	1	-	-	±85'		RRUS-4478 B14 RRUS-4415 B25	1 1	1 2
	A3	700 WCS	46'-0"	NNH4-65A-R6H4	30°	1	-	-	±80'		RRUS-E2 B29 RRUS-4415 B30	1 1	1 2
BETA SECTOR	B1	700 1900	61'-0"	NNH4-65A-R6H4	270°	1	-	-	±90'	DC AND FIBER TRUNKS	RRUS-4449 B5/B12 RRUS-8843 B2/B66A	1 1	2 2
	B2	700 1900	53'-6"	NNH4-65A-R6H4	270°	1	-	-	±85'		RRUS-4478 B14 RRUS-4415 B25	1 1	1 2
	B3	700 WCS	46'-0"	NNH4-65A-R6H4	270°	1	-	-	±80'		RRUS-E2 B29 RRUS-4415 B30	1 1	1 2
GAMMA SECTOR	C1	700 1900	61'-0"	NNH4-65A-R6H4	150°	1	-	-	±90'	DC AND FIBER TRUNKS	RRUS-4449 B5/B12 RRUS-8843 B2/B66A	1 1	2 2
	C2	700 1900	53'-6"	NNH4-65A-R6H4	150°	1	-	-	±85'		RRUS-4478 B14 RRUS-4415 B25	1 1	1 2
	C3	700 WCS	46'-0"	NNH4-65A-R6H4	150°	1	-	-	±80'		RRUS-E2 B29 RRUS-4415 B30	1 1	1 2
											TOTALS	18	30



CONSULTANT



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RANCHO MISSION VIEJO, CA. 92694

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SITE INFORMATION

**CCL03716B**  
**MORGAN HILL SPORTS CENTER**  
16500 CONDIT RD  
MORGAN HILL, CA 95037

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
1	07/01/20	100% ZD	DC
0	05/29/20	90% ZD	DC

PROFESSIONAL STAMP



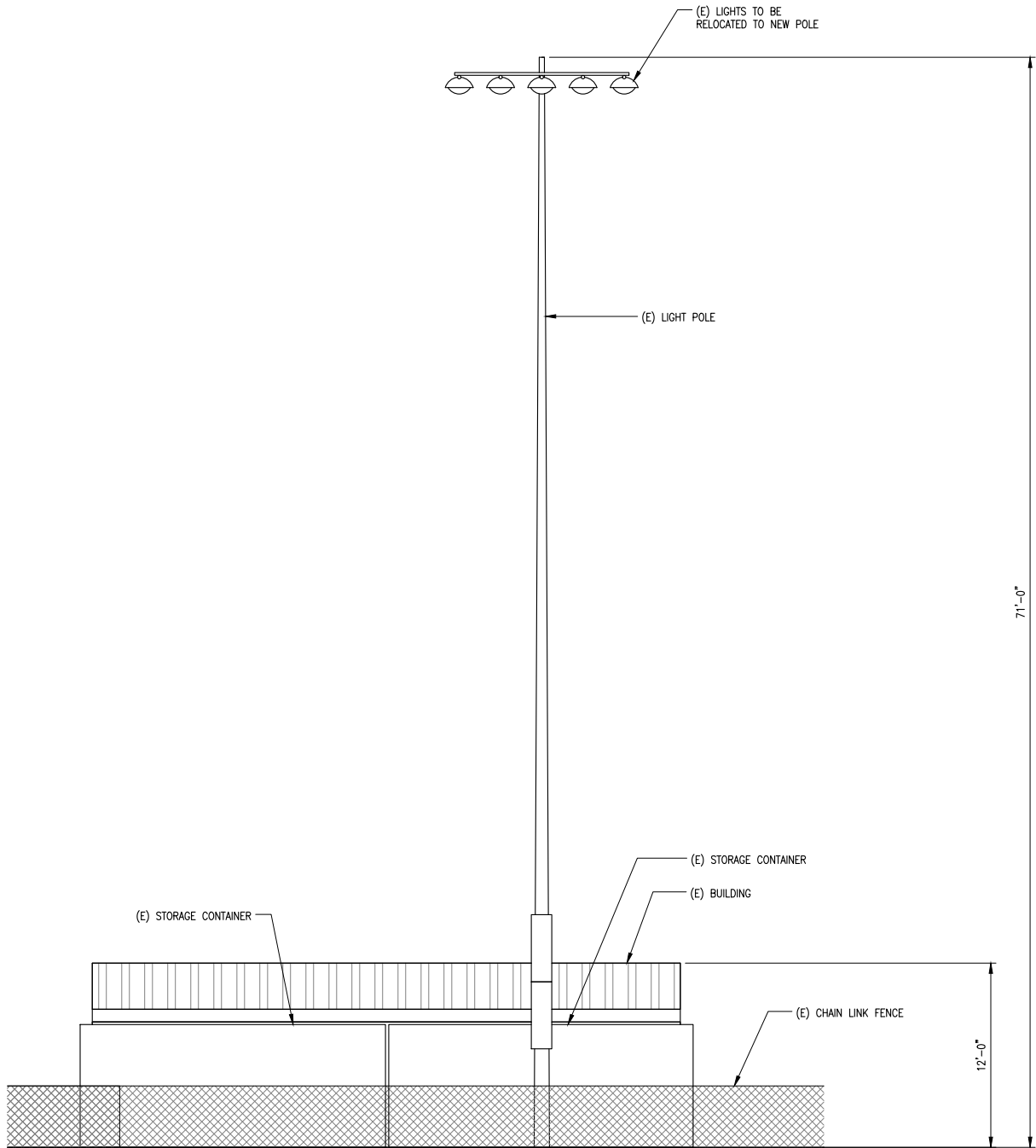
Date Signed 07/01/2020

SHEET TITLE

**EQUIPMENT AND ANTENNA LAYOUTS**

SHEET

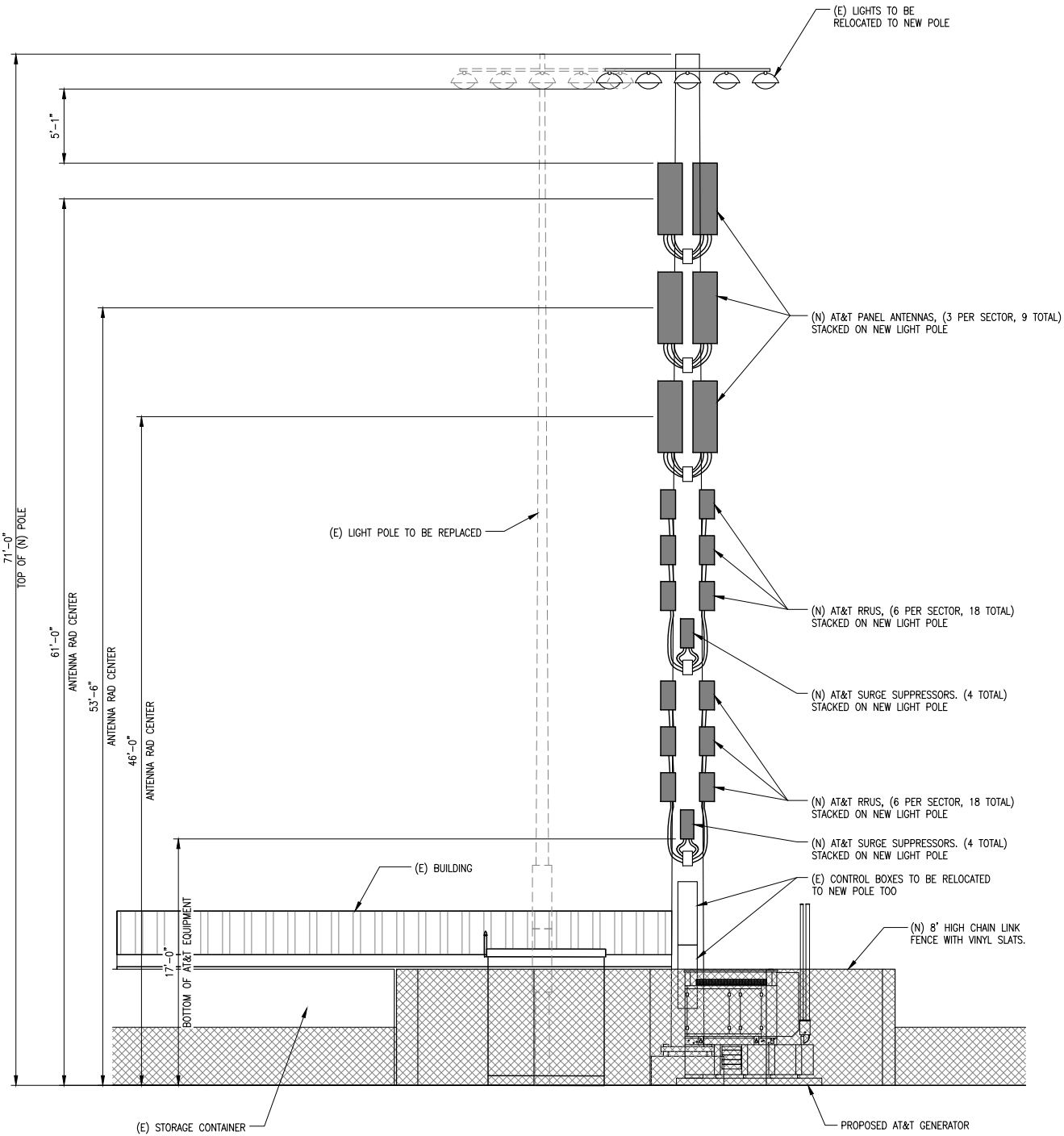
**A-3**



EXISTING NORTH ELEVATION

SCALE:  
1/8"=1'-0"

2



PROPOSED NORTH ELEVATION

SCALE:  
1/8"=1'-0"

1

CONSULTANT



TSJ CONSULTING INC.  
30767 GATEWAY PLACE #194  
RANCHO MISSION VIEJO, CA. 92694

APPLICANT



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SHEET TITLE

ELEVATIONS

SHEET

A-4

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NOT USED

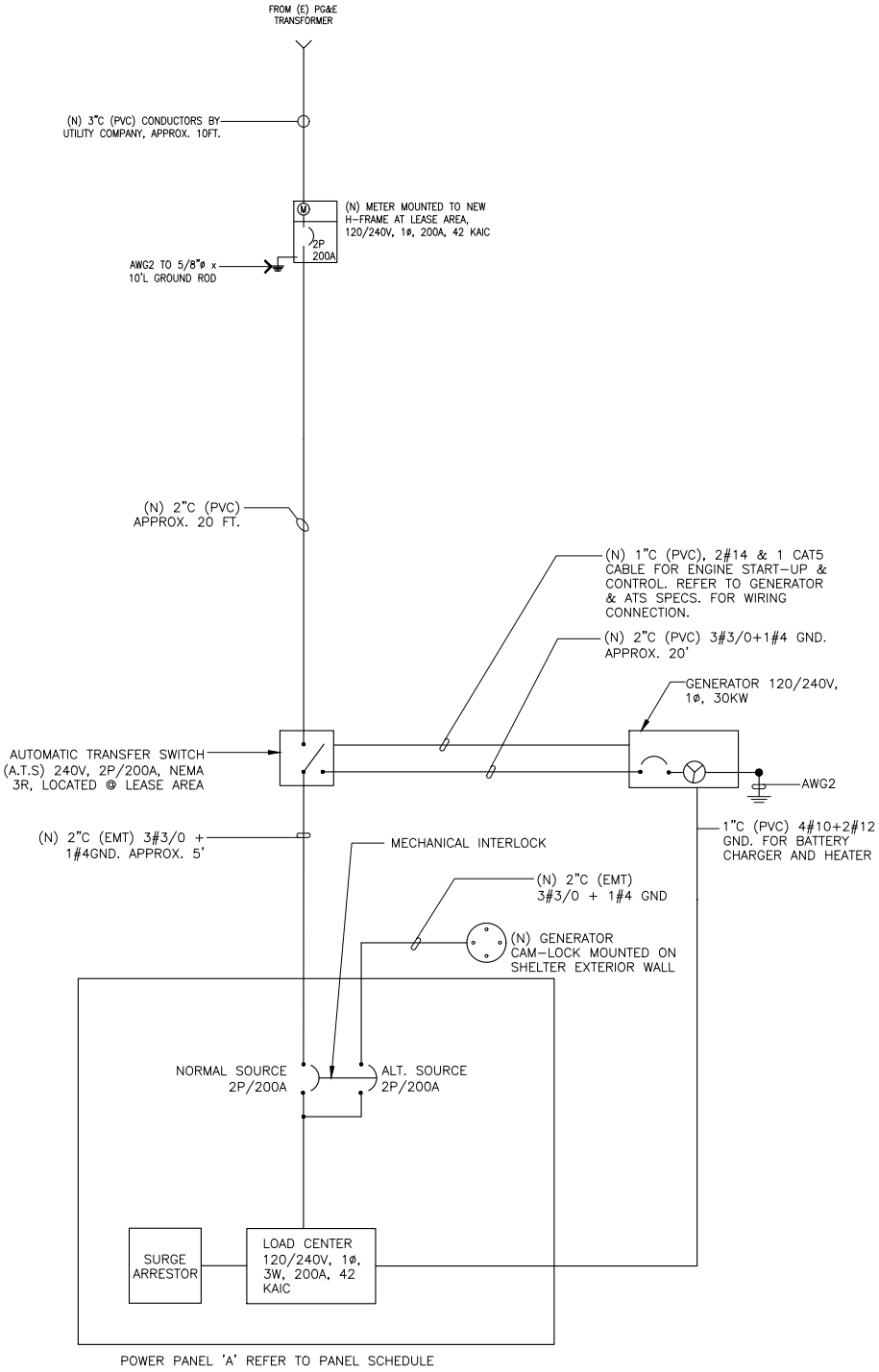
5

PANEL 'A' SCHEDULE											
120/240V, 1 PHASE, 3W					INTERSECT # MP1220042-3R-B						
200A BUS, 42 KAIC					200A MAIN BKR (COMMERCIAL PWR) 42 KAIC SERIES RATED						
					UL LISTED SERVICE ENTRANCE EQUIPMENT						
MAIN BREAKER RATING (A) :				200		SYSTEM VOLTAGE (V) :			240		
DESCRIPTION	VA	c/n/c	BKR	POSN	L1	L2	POSN	BKR	c/n/c	VA	DESCRIPTION
RECTIFIER #1	1752	NC	30	1	1802		2	15	C	50	SMOKE DETECTOR
	1752	NC		3		1902	4	20	C	150	LIGHTING
RECTIFIER #2	1752	NC	30	5	2472		6	20	NC	720	CONV OUTLETS
	1752	NC		7		1902	8	15	NC	150	EMERGENCY LTG
RECTIFIER #3	1752	NC	30	9	3496		10	40	NC	1744	HVAC #1
	1752	NC		11		3496	12		NC	1744	
RECTIFIER #4	1752	NC	30	13	2247		14	15	NC	495	FCU #1
	1752	NC		15		2247	16		NC	495	
RECTIFIER #5	1752	NC	30	17	1752		18	40	NC	0	HVAC #2 (NOTE 2)
	1752	NC		19		1752	20		NC	0	
RECTIFIER #6	1752	NC	30	21	1752		22	15	NC	0	FCU #2 (NOTE 2)
	1752	NC		23		1752	24		NC	0	
RECTIFIER #7	1752	NC	30	25	1932		26	15	NC	180	G.F.I. (W.P.)
	1752	NC		27		2232	28	20	NC	480	GEN BAT CHARGER
SPACE				29	600		30	20	NC	600	GENERATOR HEATER
↓				31		0	32				SPACE
				33	0		34				↓
				35		0	36				
				37	0		38				
				39		0	40	30	NC	-	SURGE ARRESTOR
			41	0		42					
PHASE TOTALS (VA):					16053	15243					
CURRENT PER PHASE (A):					129	123	Amperes/phase cannot exceed main breaker rating				
PANEL TOTAL (VA):					30256		Legend: c = continuous, nc = non-continuous				
PANEL CAPACITY (kVA):					48.0	CONNECTED LOAD (kVA): 30.3					
PANEL LOADING (100% non-cont. load) (kVA):					30.1						
PANEL LOADING (125% continuous load) (kVA):					0.3						
PANEL LOADING (TOTAL) (kVA):					30.4						
SPARE CAPACITY (kVA):					17.6						
NOTES:											
1. MAIN (COMMERCIAL) BREAKER IS SQUARE D # QGL22200 WHICH IS RATED 65 KAIC. BRANCH BREAKERS SHALL BE SQUARE D TYPE QO RATED 10 KAIC. ALL BREAKERS PROVIDED BY GC.											
2. REDUNDANT A/Cs INTERLOCKED WITH LEAD-LAG CONTROLLER TO PREVENT SIMULTANEOUS OPERATION OF BOTH SYSTEMS. (OMIT FROM OPERATING LOAD)											
3. LIGHTING ARE DESIGNED & INSTALLED BY WUC MANUFACTURER											
4. PROVIDE ARC. FLASHING WARNING MARKING PER CEC 110.16											

PANEL SCHEDULE

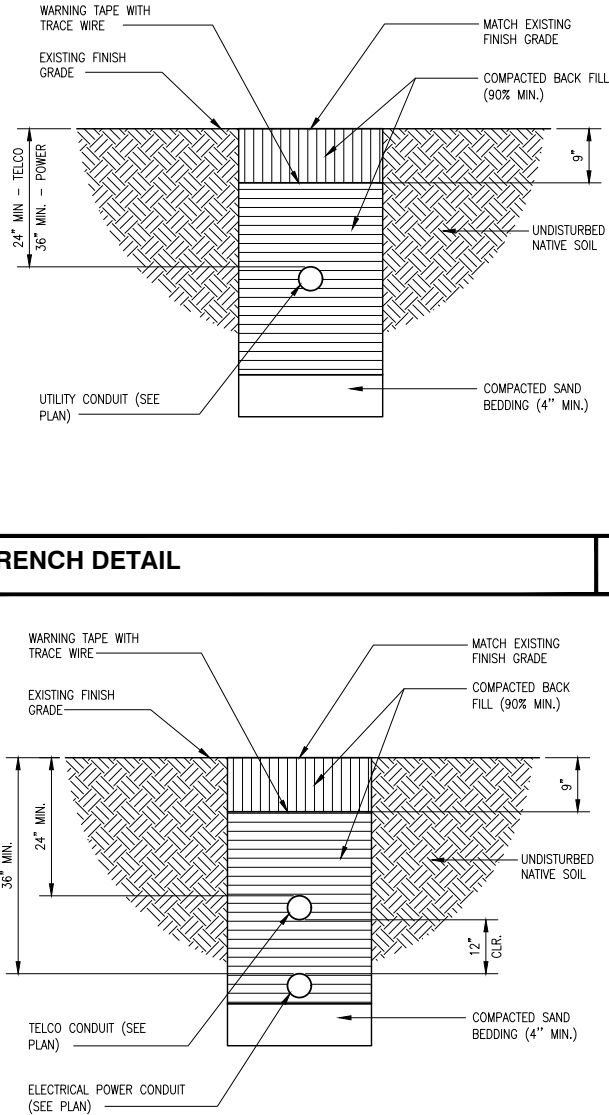
6

SINGLE LINE DIAGRAM



4

TRENCH DETAIL



3

CONSULTANT

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PRELIMINARY  
ELECTRICAL  
DESIGN

E-1